## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Alexandria, Virginia 22320 Telephone: (703) 836-6400 Facsimile: (703) 836-2787  MAIL STOP PATENT APPLICATION Customer Number: 25944  NONPROVISIONAL APPLICATION TRANSMITTALO RULE §1.53(b)  Sir:  Transmitted herewith for filing under 37 C.F.R. §1.53(b) is the nonprovisional patent application For (Title):  VANE WITH MODIFIED BASE  By (Inventors):  Kevin John WEAVER  Formal drawings (Figs. 1-4; 4 sheets) are attached. Use Figure for front page of Publication. A Declaration and Power of Attorney is filed herewith. This application claims benefit of Provisional Application No. filed (A Preliminary Amendment is attached to reflect this claim in the Specification if not already present.) The executed Assignment is filed herewith. An Information Disclosure Statement is filed herewith. Entitlement to small entity status is hereby asserted. A Preliminary Amendment is filed herewith. Priority of foreign application No. 0226690,6 filed November 15, 2002 in United Kingdom is claimed (35 U.S.C. §119). A certified copy of the above corresponding foreign application(s) is filed herewith. Priority of foreign application No. 0226690,6 filed November 15, 2002 in United Kingdom is claimed (35 U.S.C. §119). A certified copy of the above corresponding foreign application(s) is filed herewith. First the properties in NOT to be published under 35 U.S.C. 11(2)b. The undersigned attorney or agent hereby certifies that	OLIFF & BERRIDGE, PLO			Α	ttorney Docke	t No.:	117523		
Customer Number: 25944 NONPROVISIONAL APPLICATION  Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450  Sir:  Transmitted herewith for filing under 37 C.F.R. §1.53(b) is the nonprovisional patent application For (Title): VANE WITH MODIFIED BASE  By (Inventors):  Kevin John WEAVER  Kevin John WEAVER  Formal drawings (Figs. 1-4; 4 sheets) are attached.  A Declaration and Power of Attomey is filed herewith.  This application claims benefit of Provisional Application No. filed  (A Preliminary Amendment is attached to reflect this claim in the Specification if not already present.)  This patent application is assigned to ROLLS-ROYCE PLC.  The executed Assignment is filed herewith.  An Information Disclosure Statement is filed herewith.  Friority of foreign application No. 9226690.6 filed November 15, 2002 in United Kingdom is claimed (35 U.S.C. §119).  A certified copy of the above corresponding foreign applications(s) is filed herewith.  Priority of foreign application No. 9226690.6 filed November 15, 2002 in United Kingdom is claimed (35 U.S.C. §119).  The filing fee is calculated below:  The filing fee is calculated below:  CLAIMS IN THE APPLICATION AFTER ENTRY OF ANY PRELIMINARY AMENDMENT NOTED ABOVE  FOR: NO. FILED NO. EXTRA  RATE FEE  BASIC FEE  TOTAL CLAIMS 8-20 = 0*  INDEP CLAIMS 1-3 = 0*  NO. FILED ON. EXTRA  INDEP CLAIMS 1-3 = 0*  NO. FILED ON. EXTRA  RATE FEE  OR RATE FEE	P.O. Box 19928 Alexandria, Virginia 22	2320				Date:	October 20	, 2003	
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TOTAL CLAIMS         8 - 20         = 0*         x 9 = \$         QR         x 18         \$           INDEP CLAIMS         1 - 3         = 0*         x 43 = \$         QR         x 86         \$	FOR:	NO. FILED	NO. EXTRA	RATE			RATE		
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INDEF CLAIMS 1 - 3	TOTAL CLAIMS	8 - 20	= 0*	<u> </u>					
MULTIPLE DEPENDENT CLAIMS PRESENTED + 145 = \$ OR + 290 \$	INDEP CLAIMS	1 - 3	= 0*	x 43 =	\$	<u>OR</u>		\$	
		+ 145 =	\$	<u>OR</u>		<u> </u>			
* If the difference is less than zero, enter "0".  TOTAL  S  OR  TOTAL  S  770  S  Check No. 147513 in the amount of \$770.00 to cover the filing fee is attached. Except as otherwise noted herein,									

Check No. 147513 in the amount of \$770.00 to cover the filing fee is attached. Except as otherwise noted herein, the Commissioner is hereby authorized to charge any other fees that may be required to complete this filing, or to credit any overpayment, to Deposit Account No. 15-0461. Two duplicate copies of this sheet are attached.

Respectfully submitted,

James A. Oliff

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